Title (en)

METHOD FOR ENHANCED SPLIT INJECTION IN INTERNAL COMBUSTION ENGINES

Title (de)

MEHRFACHEINSPRITZVERFAHREN FÜR BRENNKRAFTMASCHINEN

Title (fr)

PROCEDE D'INJECTION EN DEUX TEMPS AMELIOREE DANS DES MOTEURS A COMBUSTION INTERNE

Publication

EP 1121518 A1 20010808 (EN)

Application

EP 99945379 A 19990831

Priority

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- US 15624698 A 19980918

Abstract (en)

[origin: US6032642A] A method of controlling fuel delivery in a fuel injection system capable of performing a split injection includes comparing at least one engine operating temperature to a temperature threshold, and disabling split injection when the at least one engine operating temperature exceeds the temperature threshold. Disabling split injection in this manner enhances cold temperature engine operation, while providing a single injection at higher operating temperatures, as desired. Further, an engine and a computer readable storage medium having information stored thereon representing instructions executable by an engine controller for comparing at least one engine operating temperature to a temperature threshold are also provided. The computer readable storage medium instructions disable split injection when the at least one engine operating temperature exceeds the temperature threshold.

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IPC 8 full level

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